

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Cancelled)
2. **(Currently Amended)** A method for producing a compensation collar for an injection valve, comprising the steps of
providing the injection valve without an insertable piezoactor;
inserting the compensation collar having a thickness into said injection valve; and
plastically deforming the compensation collar to a presettable thickness by inserting a prestressing device into the injection valve,
removing said prestressing device; and
inserting said piezoactor.

3. (Previously Presented) A method according to Claim 2, wherein the compensation collar consists of a flowable material, and the material of the compensation collar begins to flow during the compression and is thereby permanently plastically deformed.

4. (Withdrawn) A method according to Claim 2, wherein the compensation collar is inserted into a housing of a fuel injector, the compensation collar being arranged in the area of an actuating drive which projects into an opening of the compensation collar, and the compensation collar is pressed against the housing with a prestressing device until the prestressing device has moved the actuating drive into a presettable position, the thickness of the compensation collar being reduced.

5. (Withdrawn) A method according to Claim 4, wherein the prestressing device in the areas that act on the actuating drive has a boss with a given height, and the boss is surrounded by a circumferential edge set back by the given height, this edge adjoining the compensation collar.

6. (Withdrawn) A method according to Claim 4, wherein the actuating drive is a servo valve, and the given position corresponds to the opening of the servo valve.

7. (Previously Presented) A method according to Claim 2, wherein the compensation collar is made of soft iron or soft copper.

8. (Withdrawn) An injection valve comprising a piezoactor having a housing with an opening, the piezoactor being movable in the housing and moving in direction of the opening when triggered and making connection with an actuator, wherein between the housing of the piezoactor and the housing of the injection valve, a compensation collar is arranged, the thickness of which has been adjusted by plastic deformation.

9. (Withdrawn) Injection valve comprising:
a piezoactor arranged within a housing and being arranged to be movable in the housing and moving in direction out of the housing when triggered and making connection with an actuating drive, wherein the end of the piezoactor adjoining the actuating drive has a given idle stroke distance from the leading edge of the housing, the leading edge of the housing is arranged at the level of the actuating drive, and
a compensation collar arranged between the housing and the piezoactor for compensating tolerances in the idle stroke distance.

10. (Withdrawn) Injection valve according to Claim 9, wherein the compensation collar consists of a soft, deformable material.

11. (Withdrawn) Injection valve according to Claim 10, wherein the compensation collar consists of soft iron or soft copper.

12. (Withdrawn) Injection valve according to Claim 9, wherein the thickness of the compensation collar has been adjusted by plastic deformation.

13. (Withdrawn) Injection valve according to Claim 8, wherein the compensation collar consists of a soft, deformable material.

14. (Withdrawn) Injection valve according to Claim 12, wherein the compensation collar consists of soft iron or soft copper.

15. (Currently Amended) A method according to Claim ~~2~~16, further comprising the steps of:

removing said prestressing device; and
inserting said piezoactor.

16. (Currently Amended) A method for producing a compensation collar for an injection valve, comprising the steps of

providing the injection valve without an insertable piezoactor;

inserting the compensation collar having a thickness into said injection valve;

and

plastically deforming the compensation collar to a presettable thickness by inserting a prestressing device into the injection valve~~A method according to Claim 2,~~

wherein the prestressing device is inserted so far into said injection valve to force said compensation collar to a thickness at which a base plate of the prestressing device causes an opening of a servo valve of said injection valve.

17. (Currently Amended) A method for producing a compensation collar for an injection valve, comprising the steps of

providing the injection valve without an insertable piezoactor;

inserting the compensation collar having a thickness into said injection valve;

and

plastically deforming the compensation collar to a presettable thickness by inserting a prestressing device into the injection valve~~A method according to Claim 2,~~

wherein said step of inserting said prestressing device comprises the step of screwing in of said prestressing device.

18. (Previously Presented) A method according to Claim 15, wherein said step of inserting said piezoactor comprises the step of screwing in of said piezoactor.